

FIG. 1

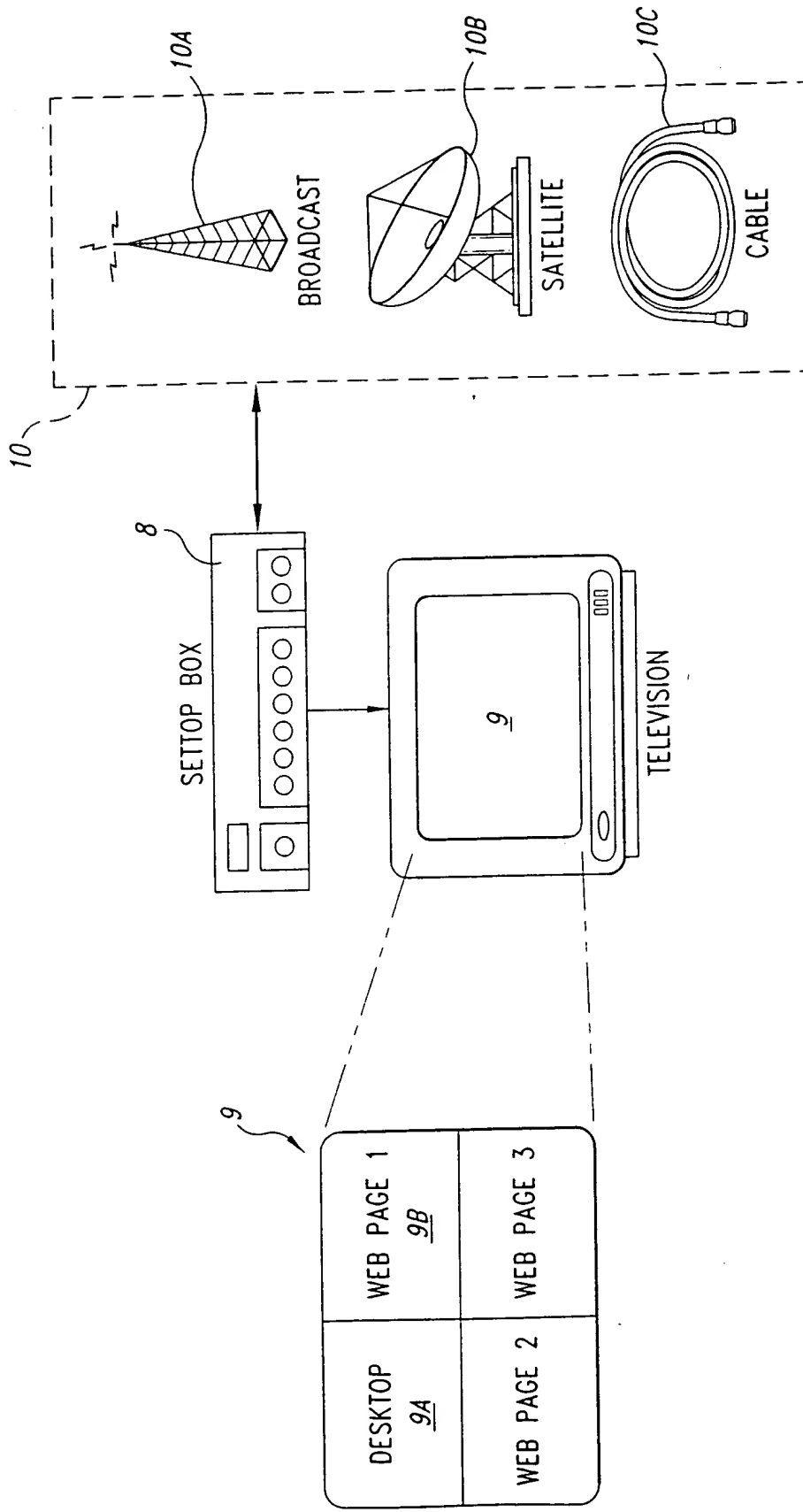
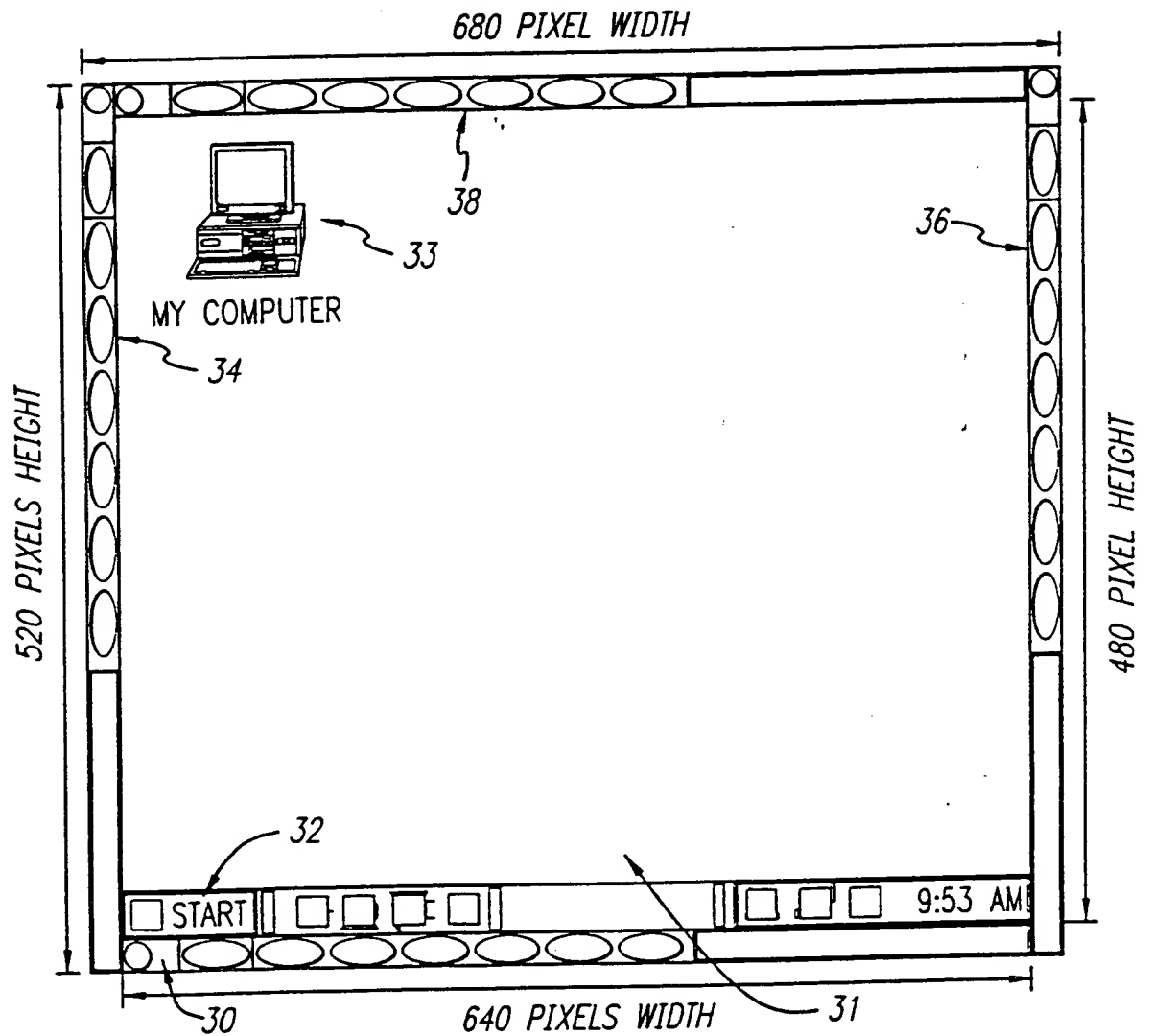


FIG. 2

THE UNIVERSITY OF CHICAGO



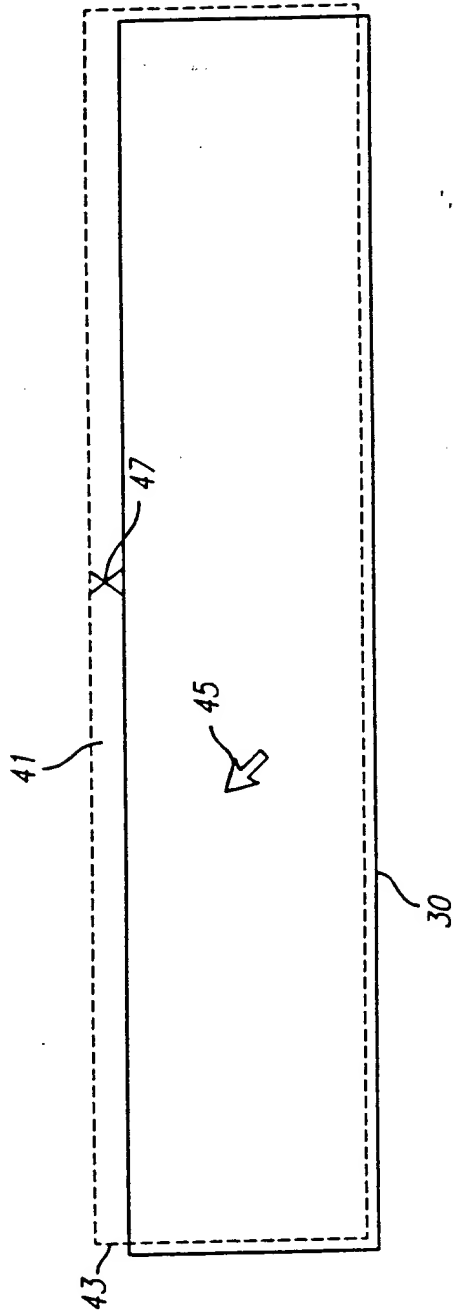


FIG. 5

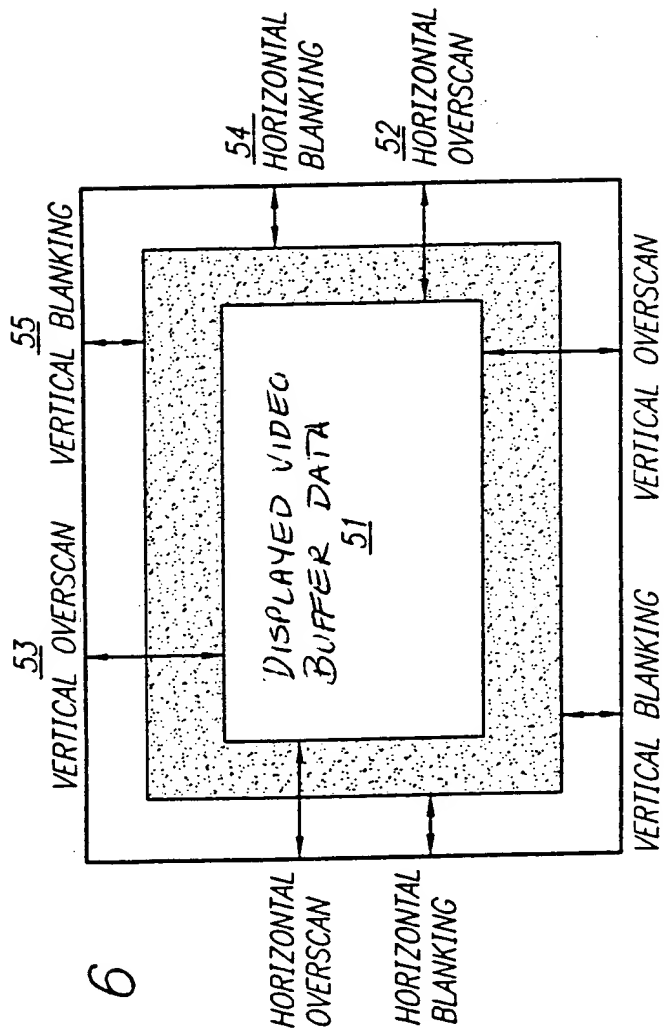


FIG. 6

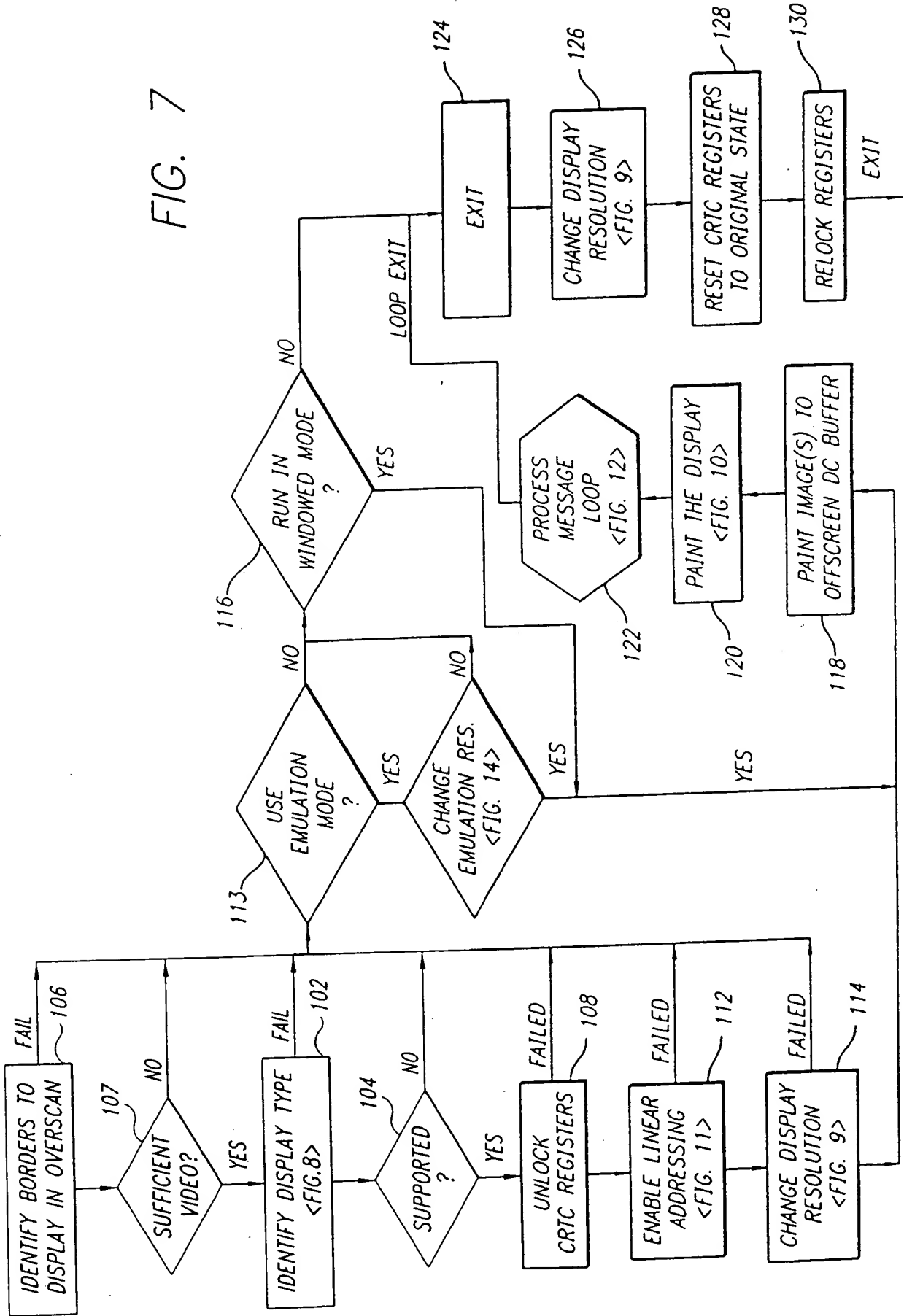


FIG. 8

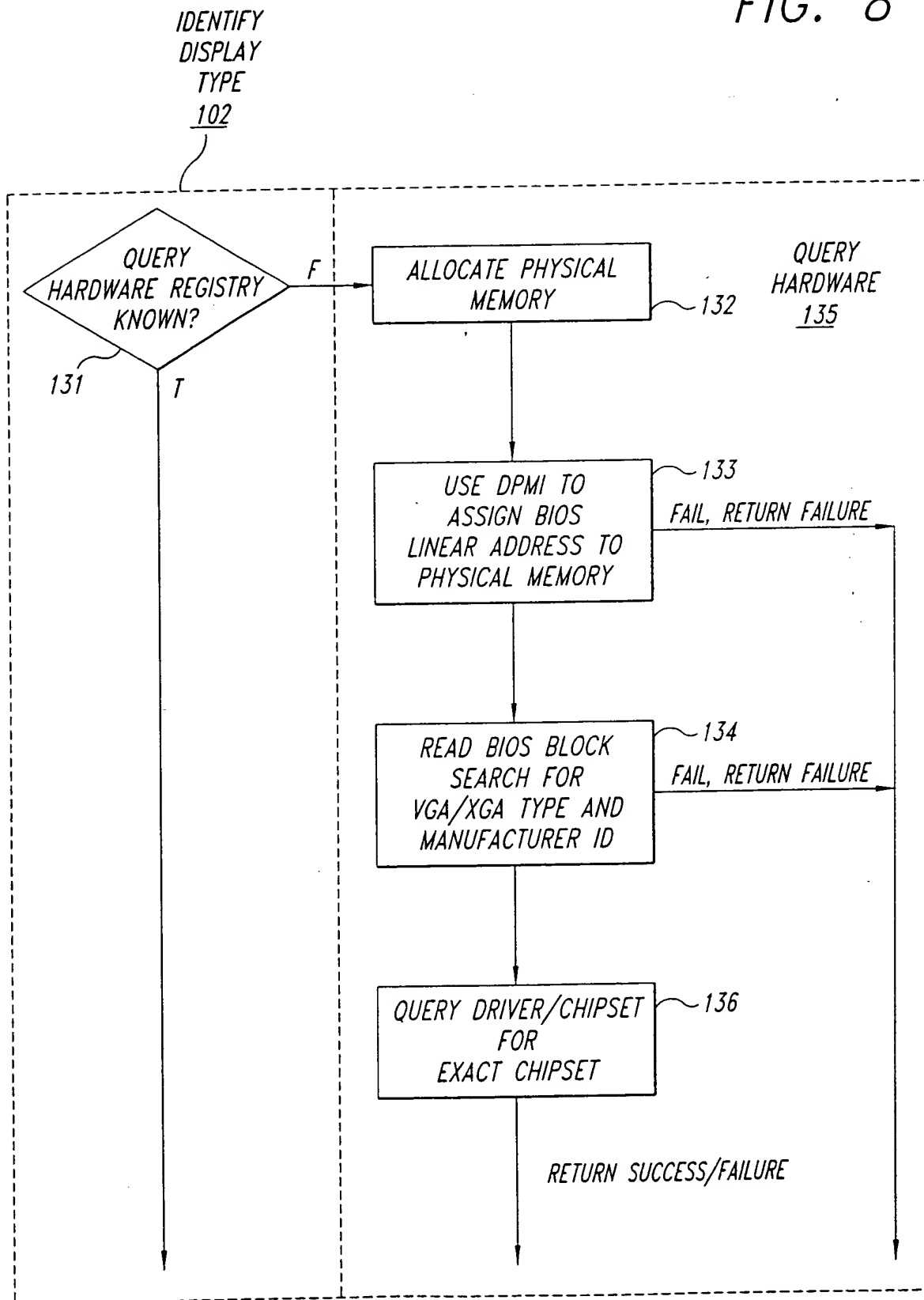
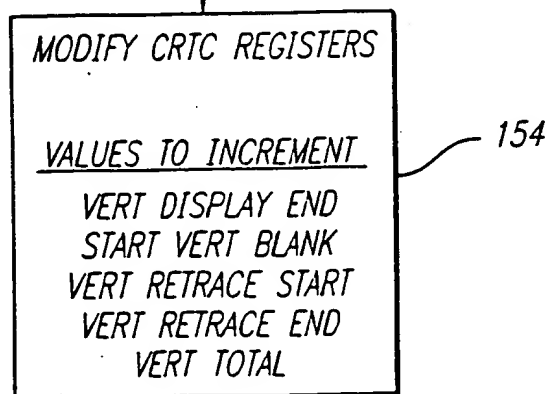
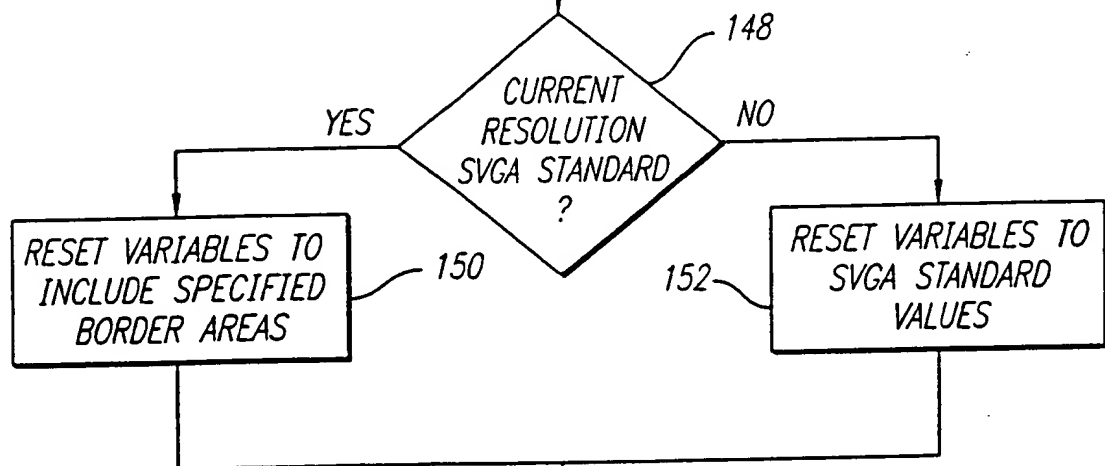
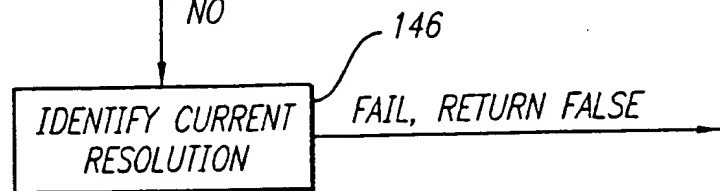
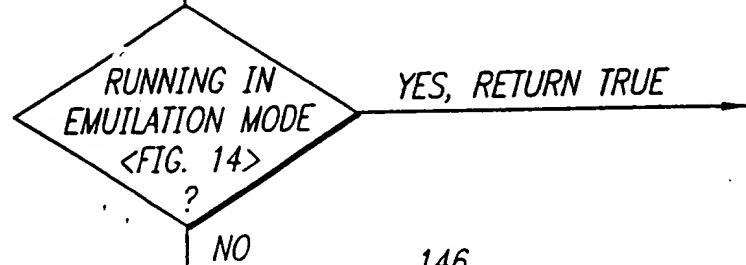
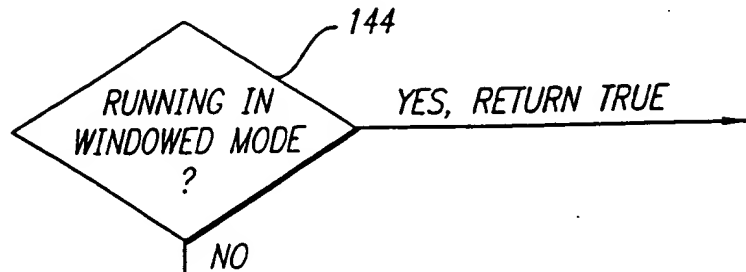


FIG. 1

CHANGE
DISPLAY
RESOLUTION
114



RETURN TRUE

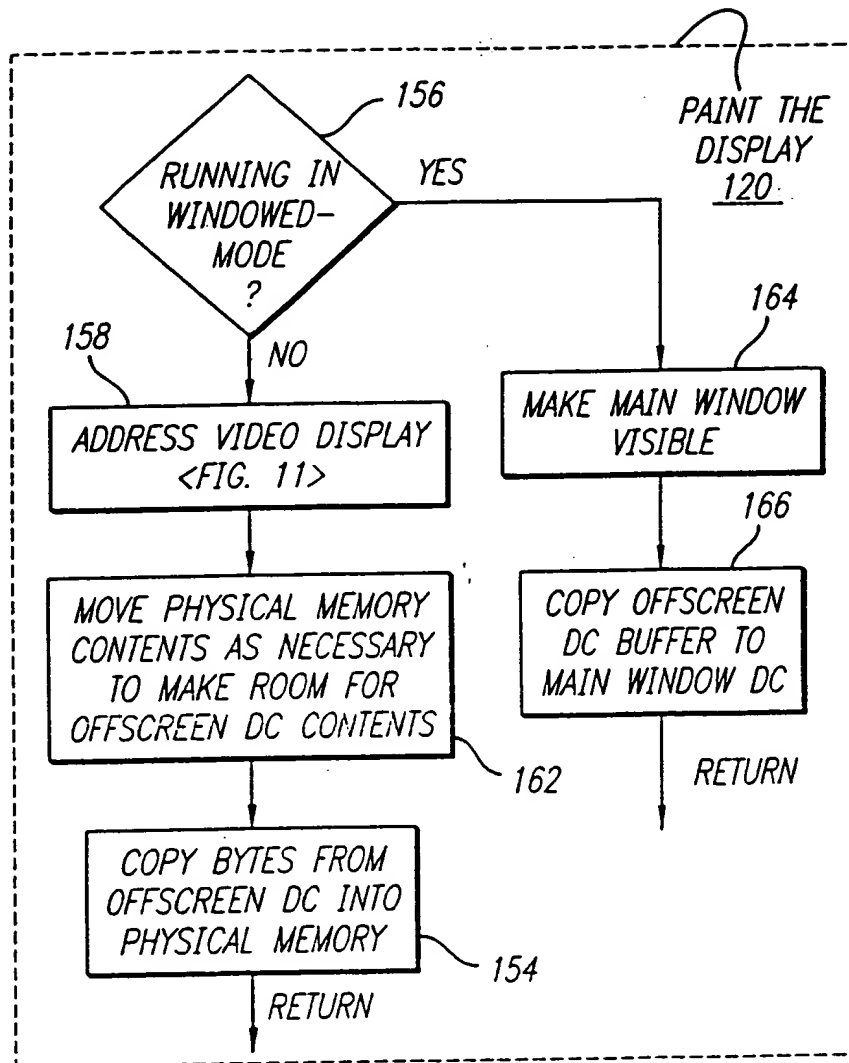


FIG. 10

ENABLE
LINEAR
ADDRESSING
112

FIG. 11

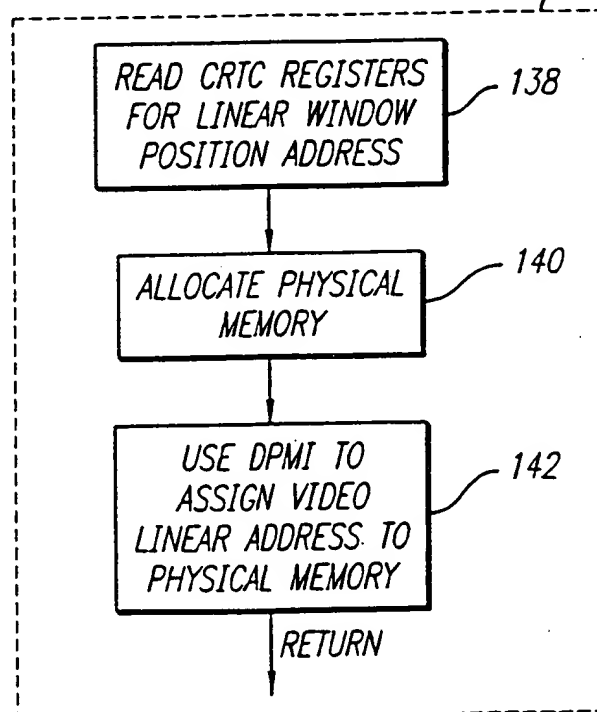


FIG. 12

MESSAGE PROCESS LOOP
USER INTERFACE
122

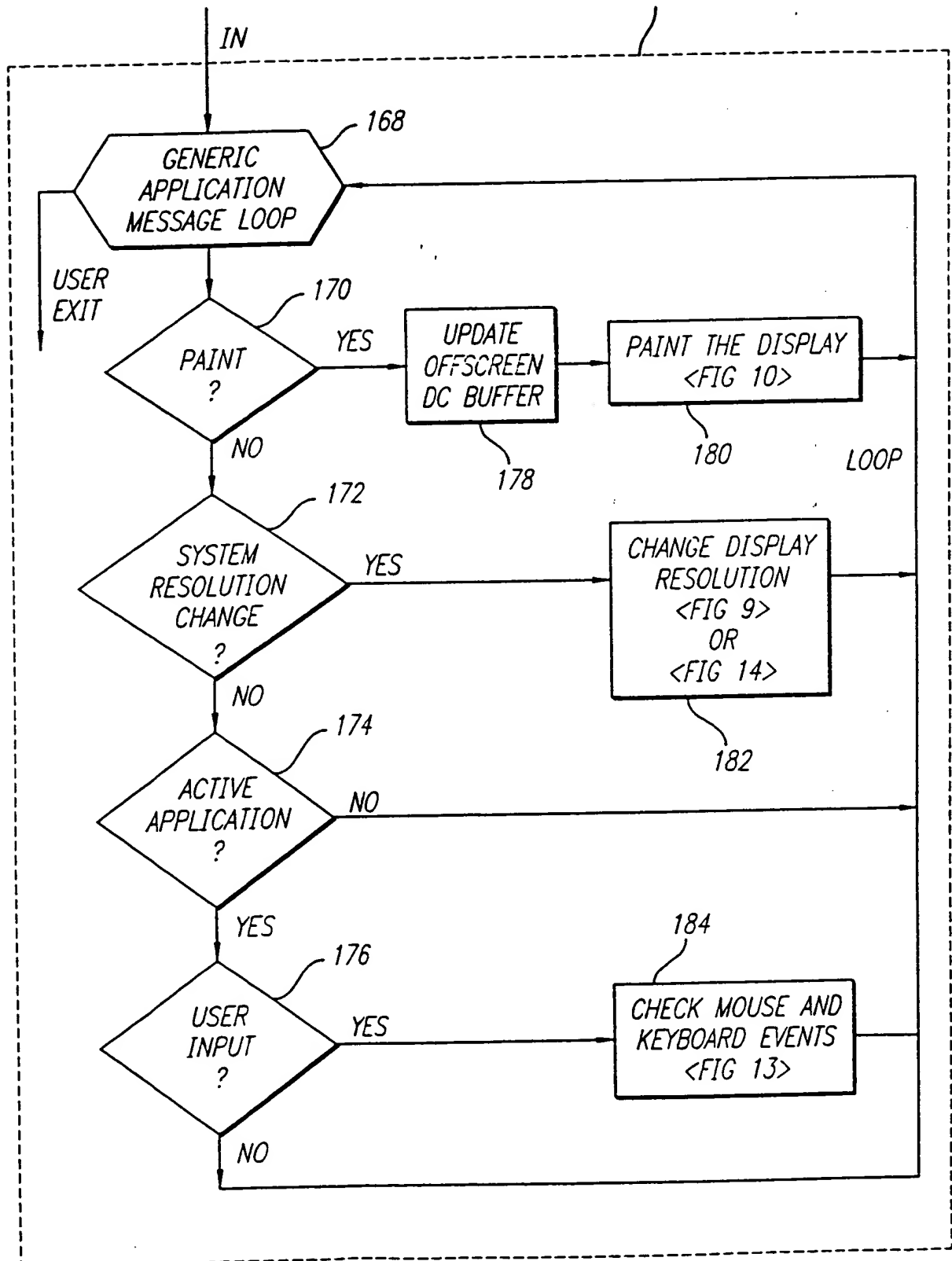


FIG. 14

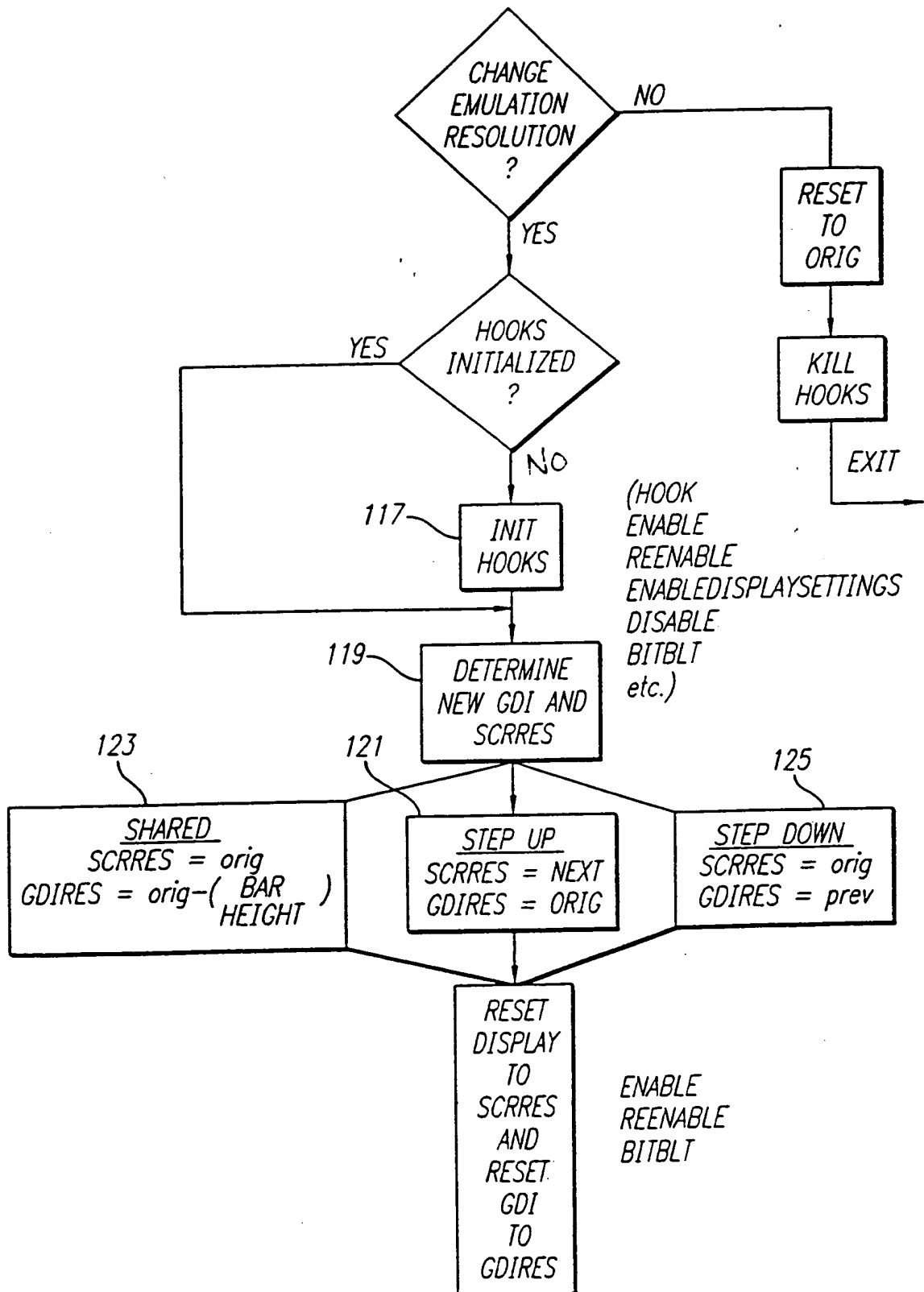


FIG. 15

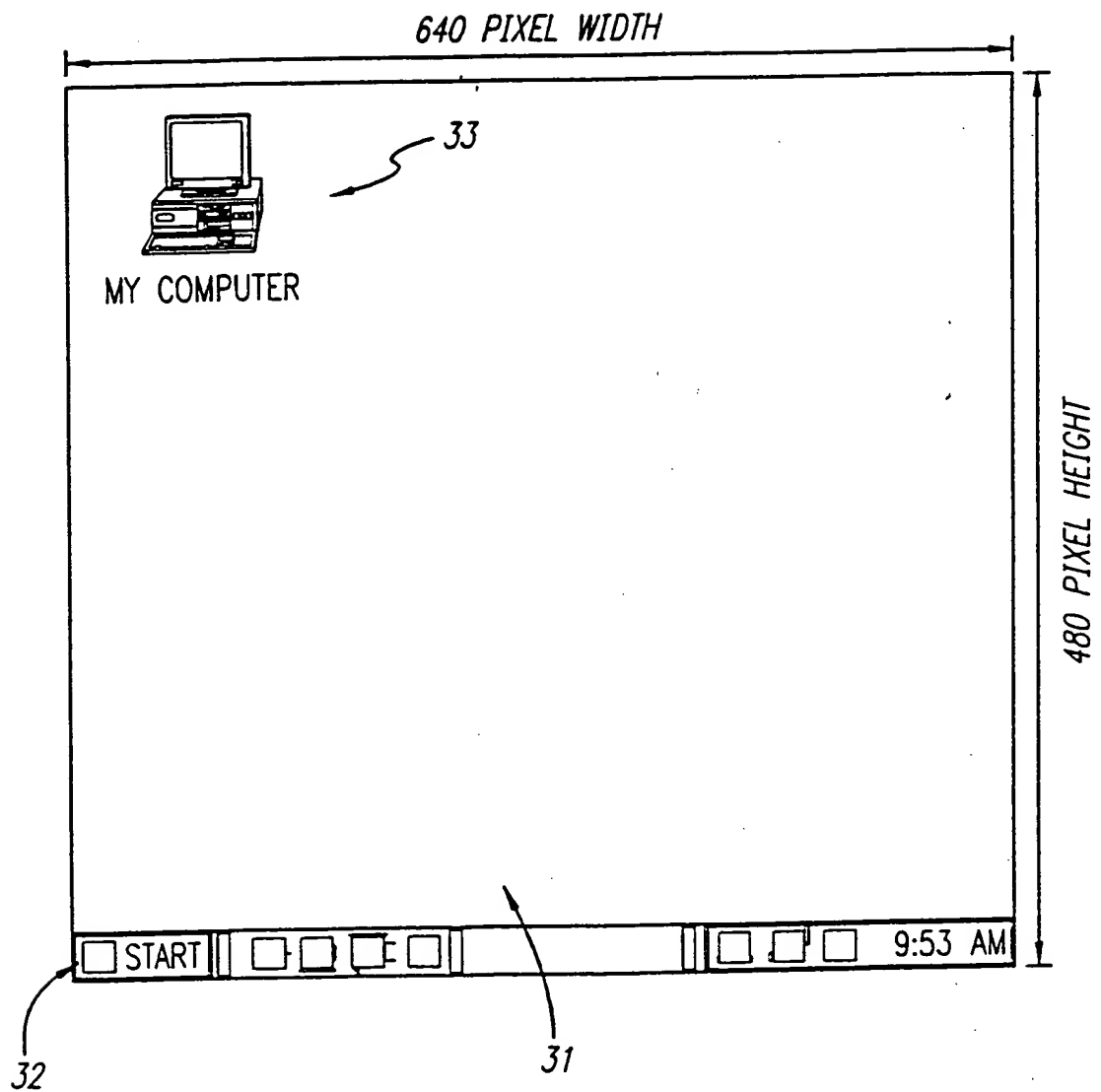
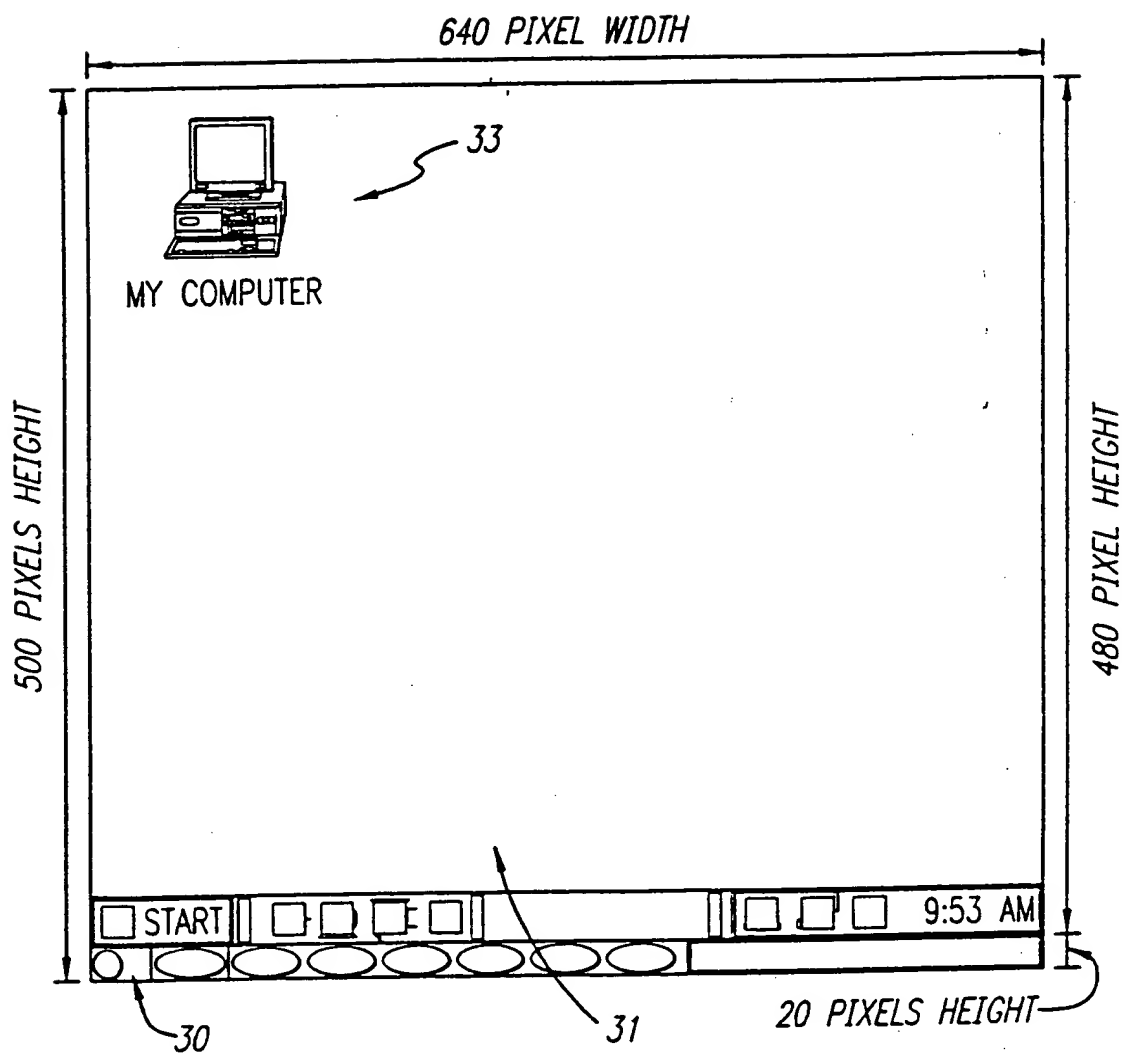


FIG. 16



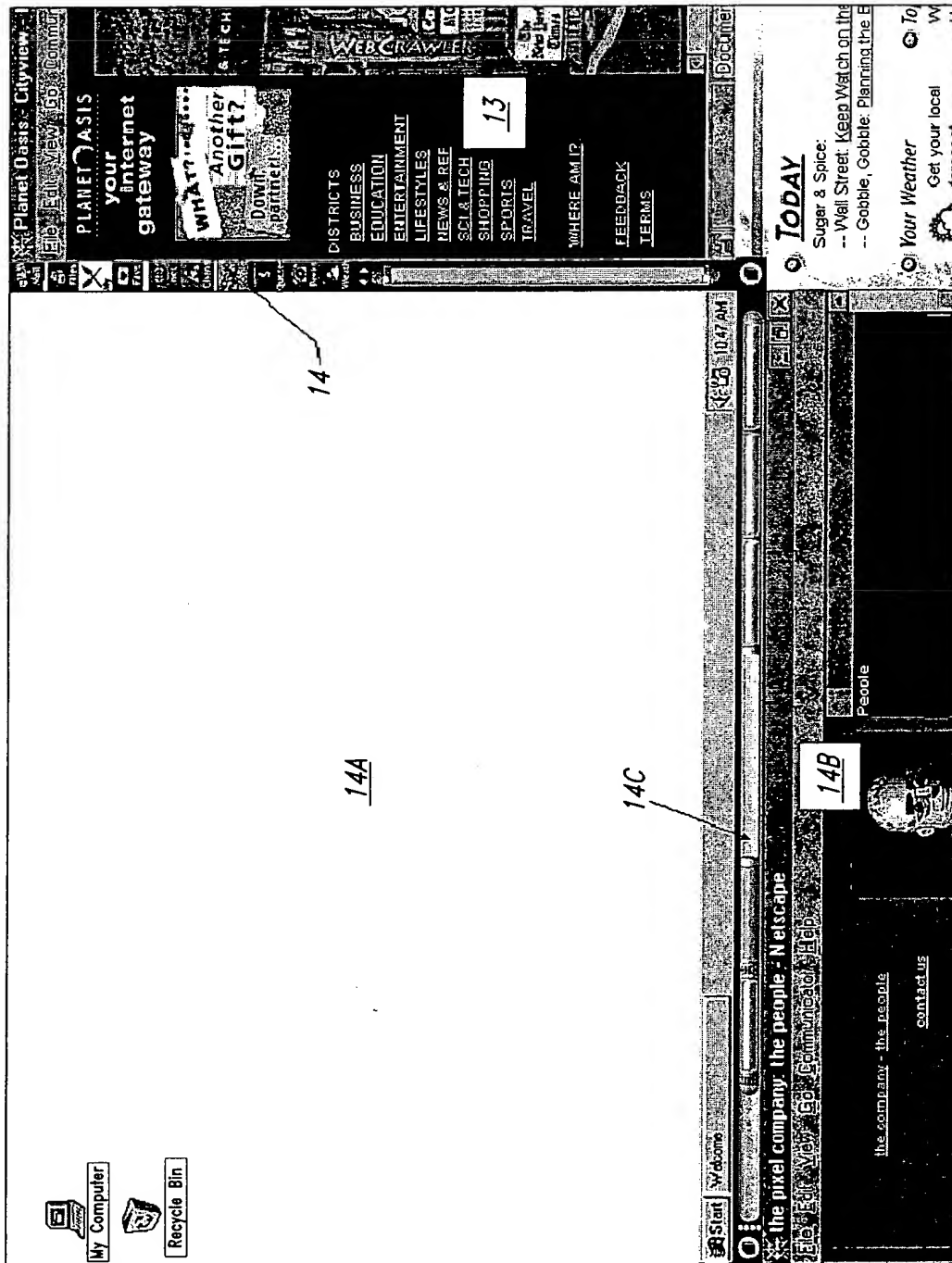


Fig. 17

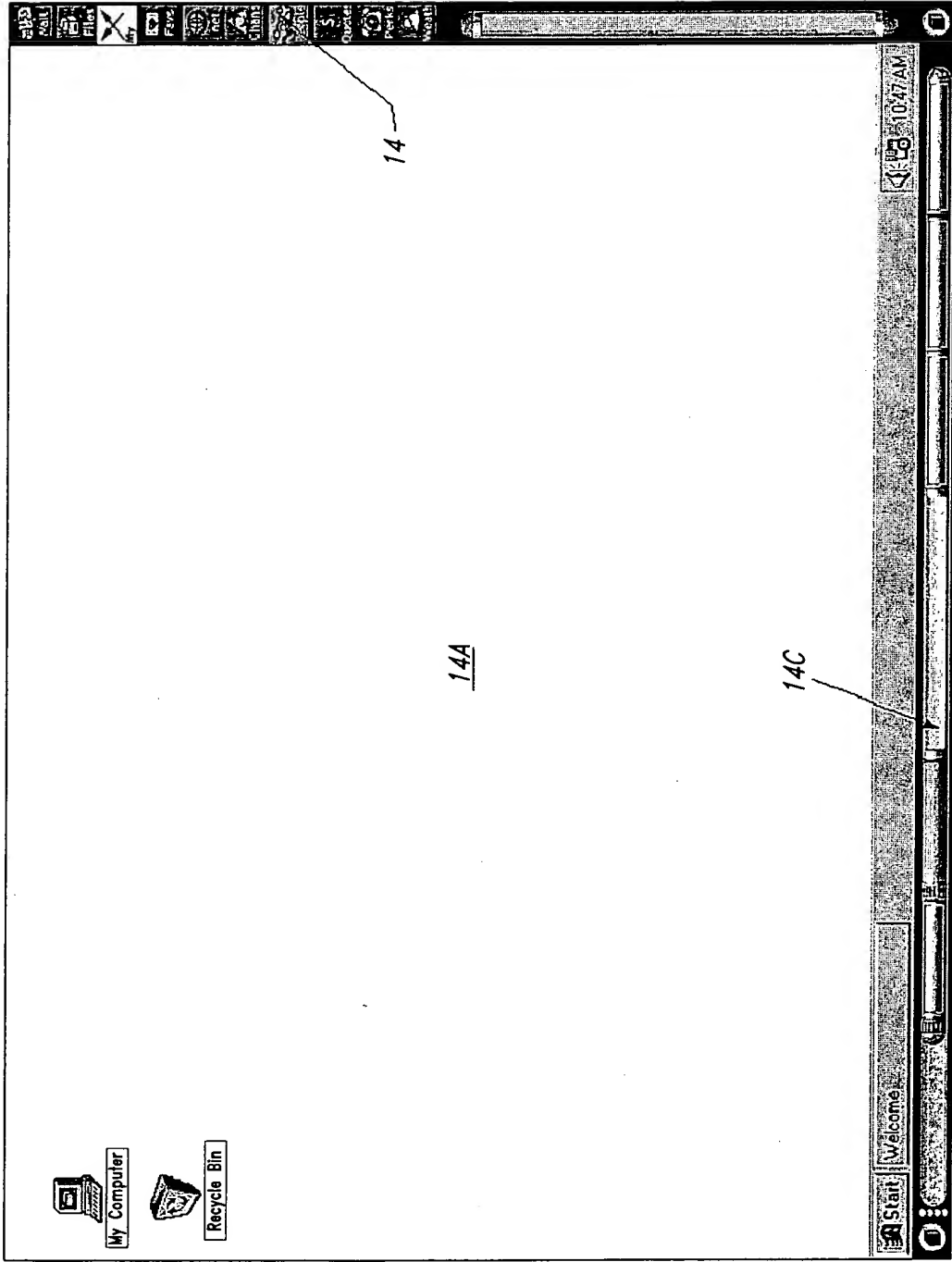


Fig. 18

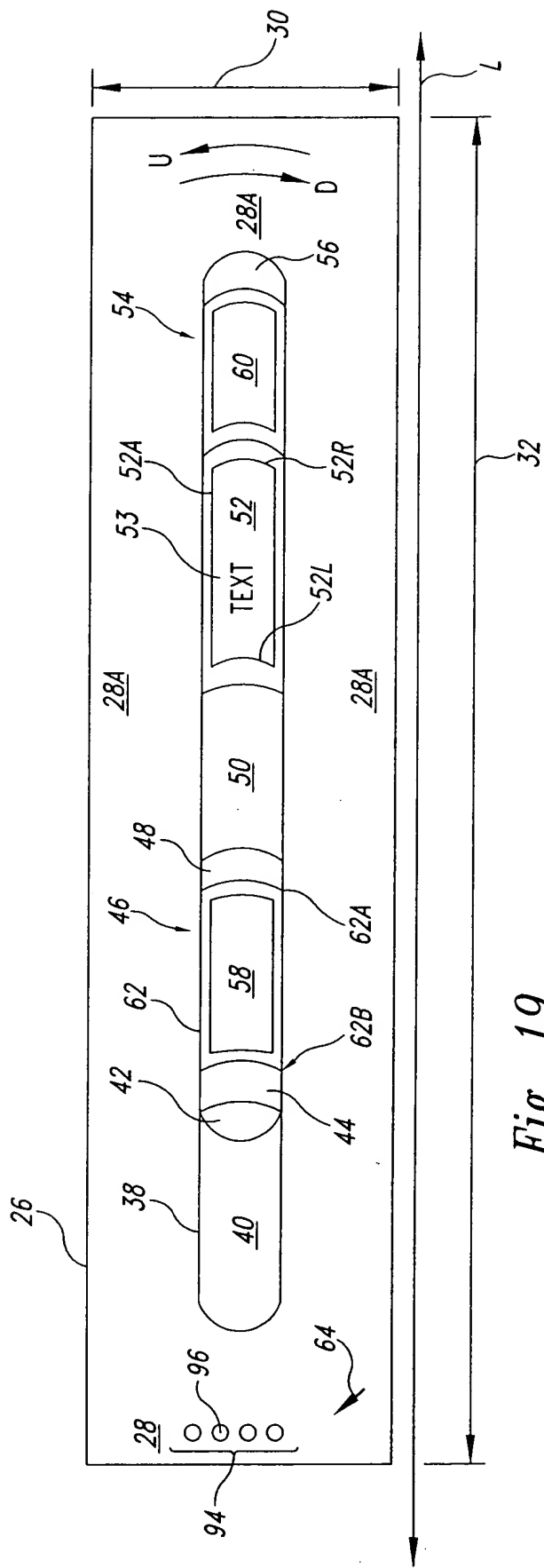


Fig. 19

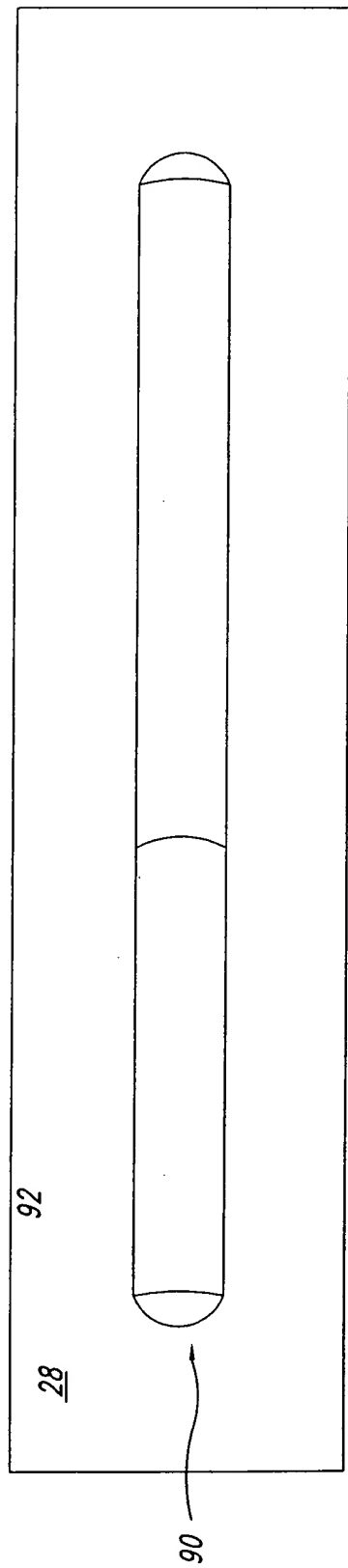


Fig. 21

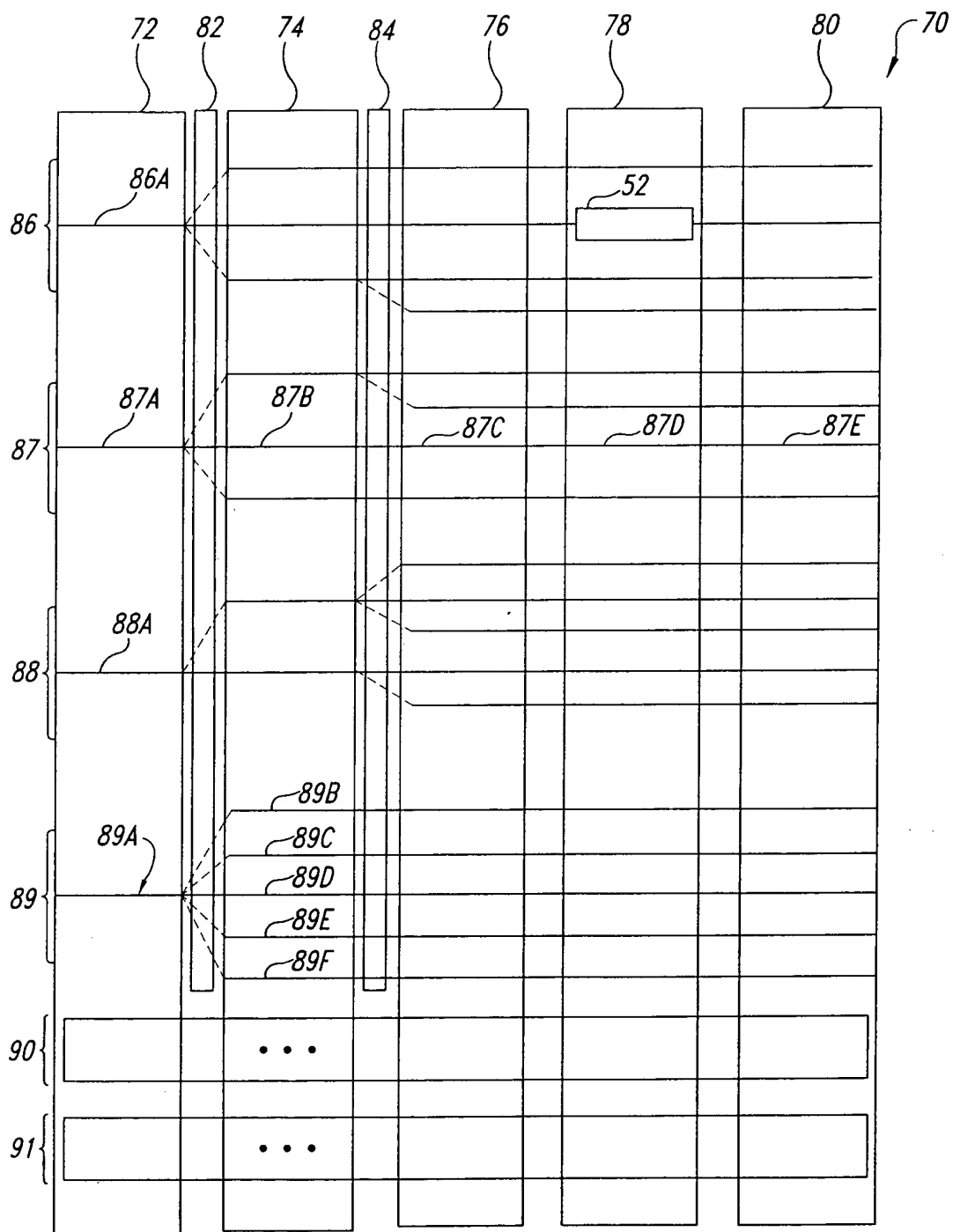


Fig. 20

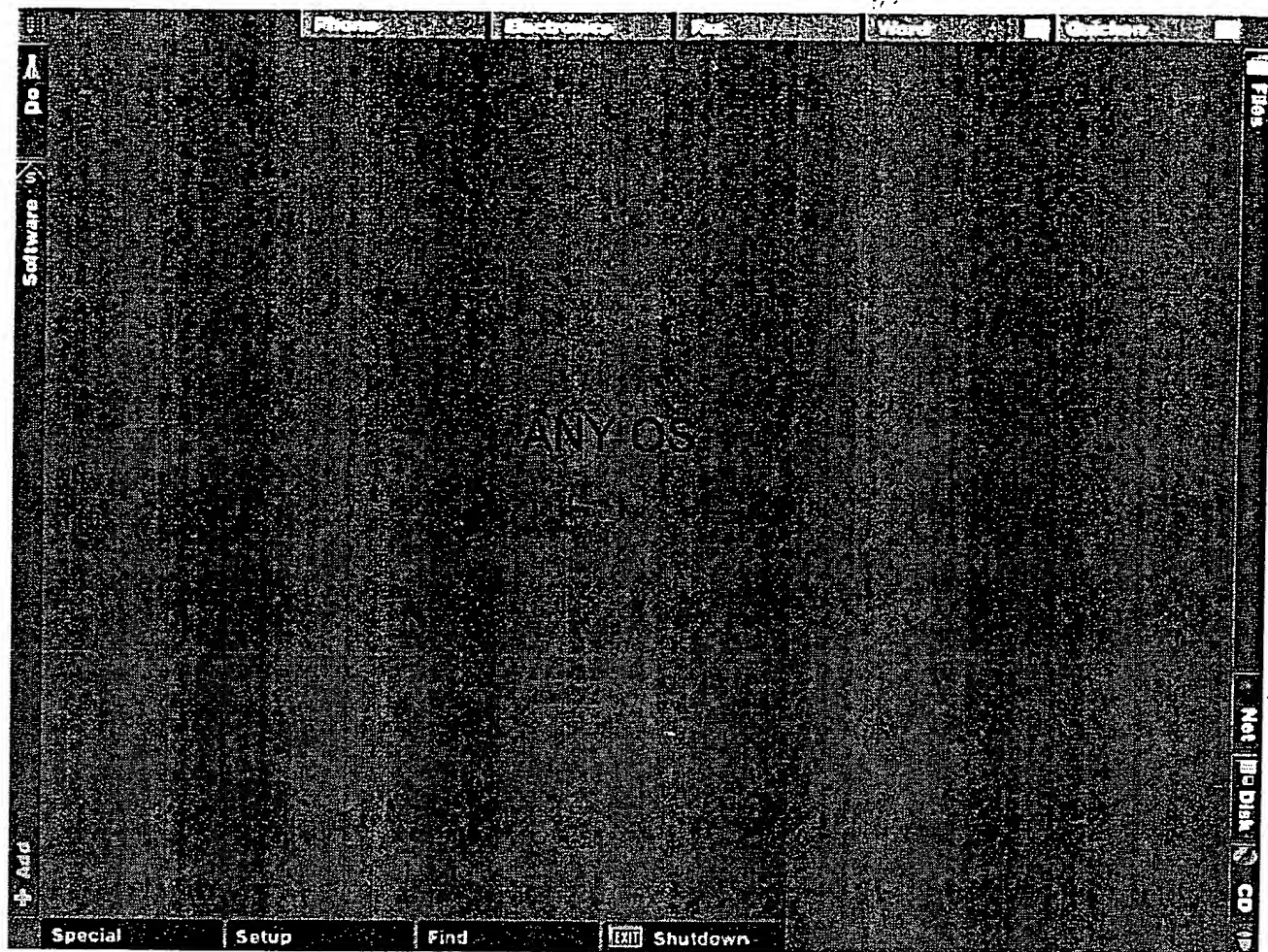


FIG. 22

003211" 84642260

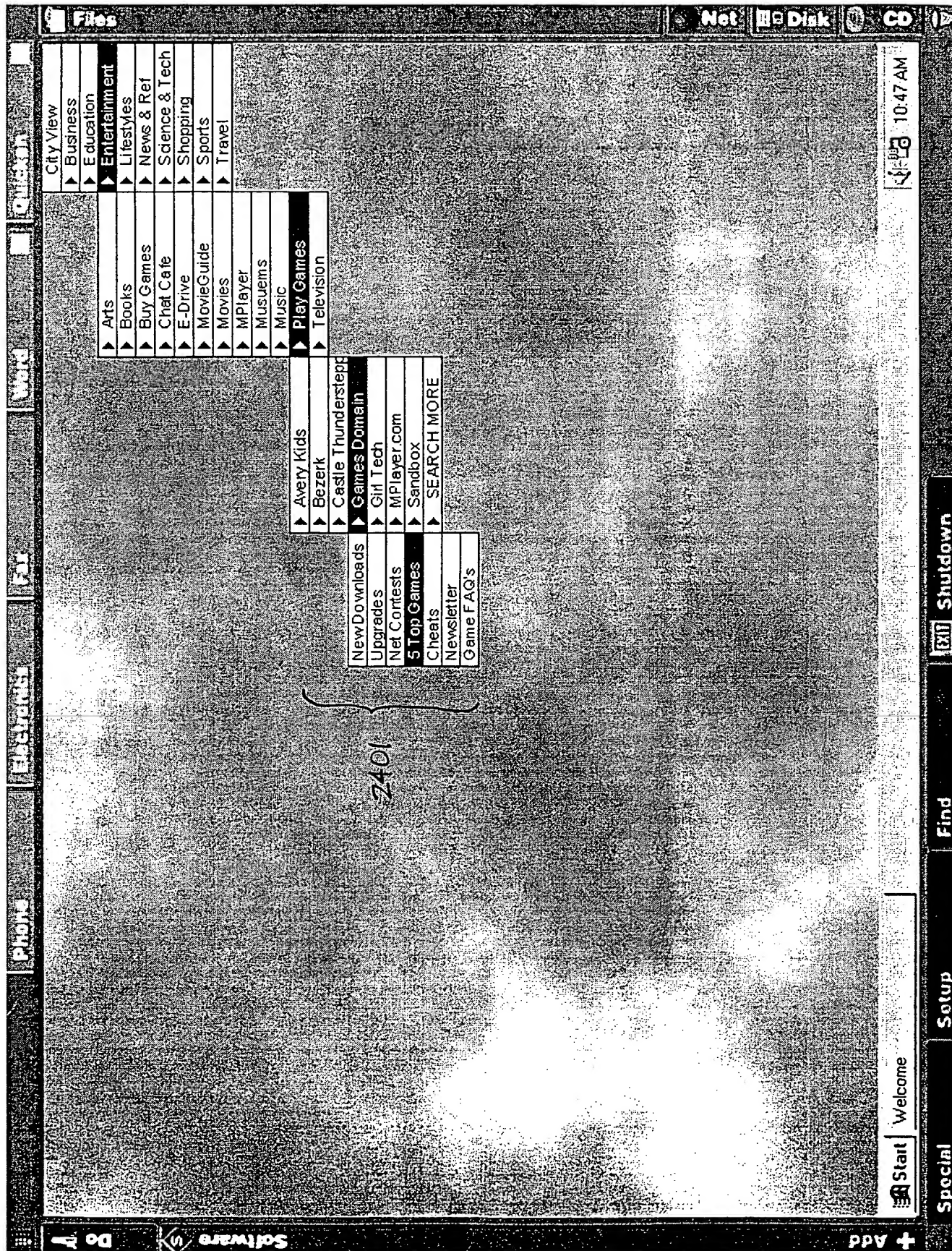


FIG. 24

008211" 8/642260

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10:47 AM

Scott's Portfolio

Symbol	Current Price	Today's Change	% Change	Volume	Shares	Current Value	Gain/Loss	More Info	Time
NASDAQ	2339.38	-36.97	-1.56%	0	0			Chart	1:25PM
INTU	89.56	1.31	1.44%	475,800				Chart	1:03PM
XCIT	93.75	-2.82	-2.96%	2,585,200				Chart	1:03PM
MSFT	152.88	-2.56	-1.65%	15,923,900	200.00	\$30,575.00	+26,375.00	Chart	1:03PM
EBAY	286.00	+3.38	+1.19%	1,655,200				Chart	1:05PM
APPL	37.44	-1.00	-2.60%	1,899,600	200.00	\$30,575.00	+26,375.00	Chart	1:05PM
Total									

Evaluate Stocks Analyze Portfolio Edit Symbols Adjust Shares Customize

FIG. 25

003277" 3754260

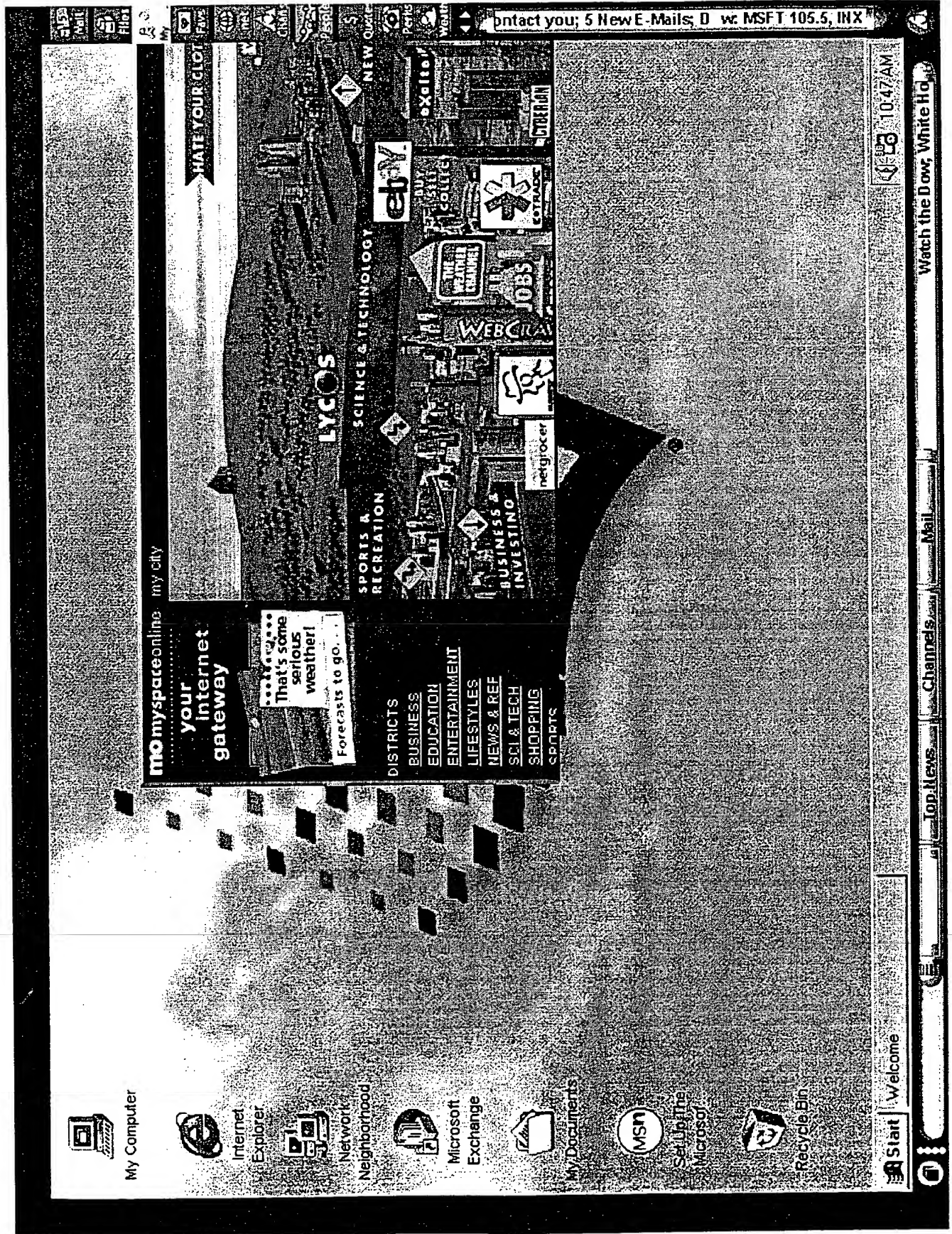


FIG. 26

FIG. 27

FIG. 28

003277 " 3264260

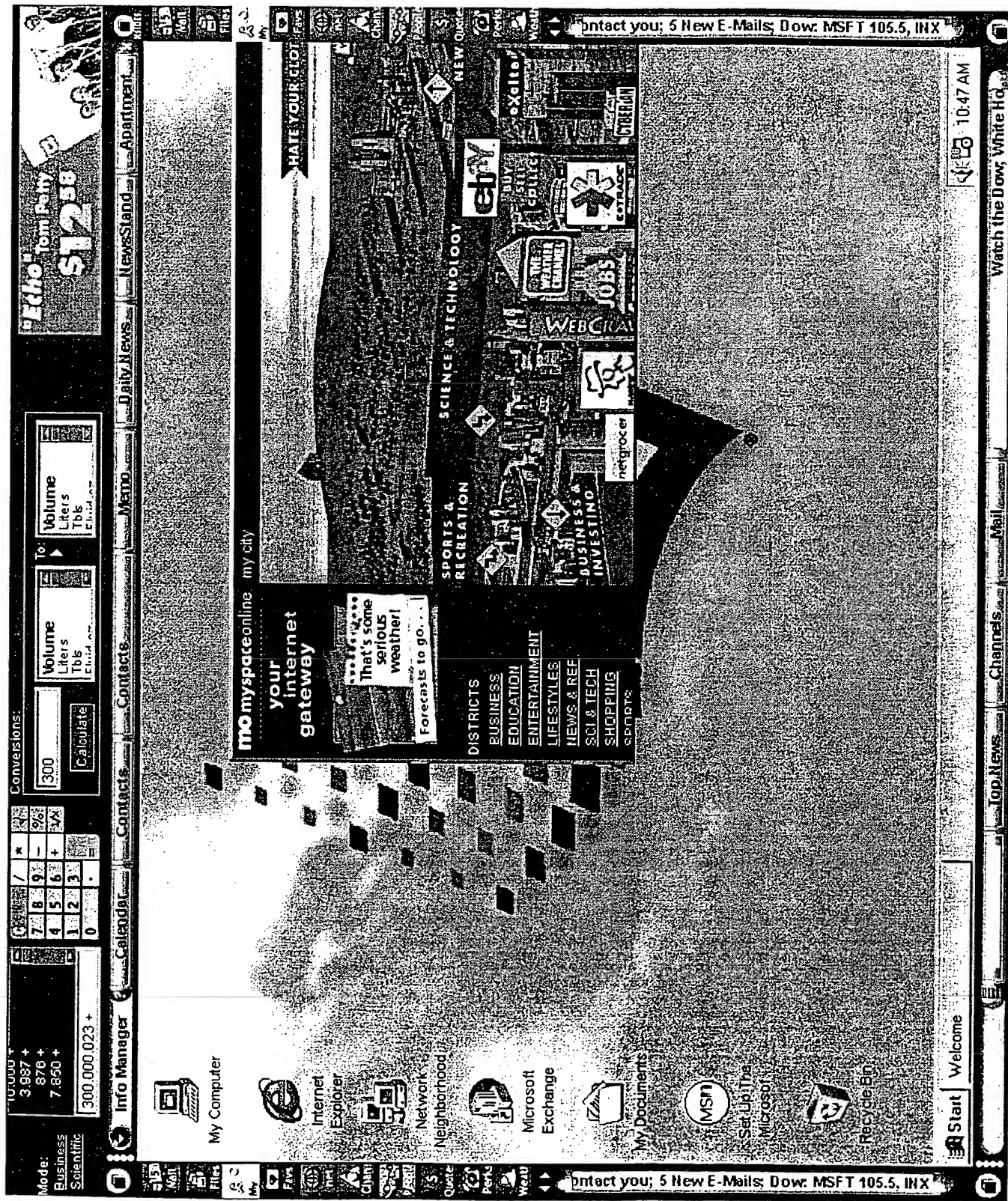


FIG. 29

003211" 8/6/2000

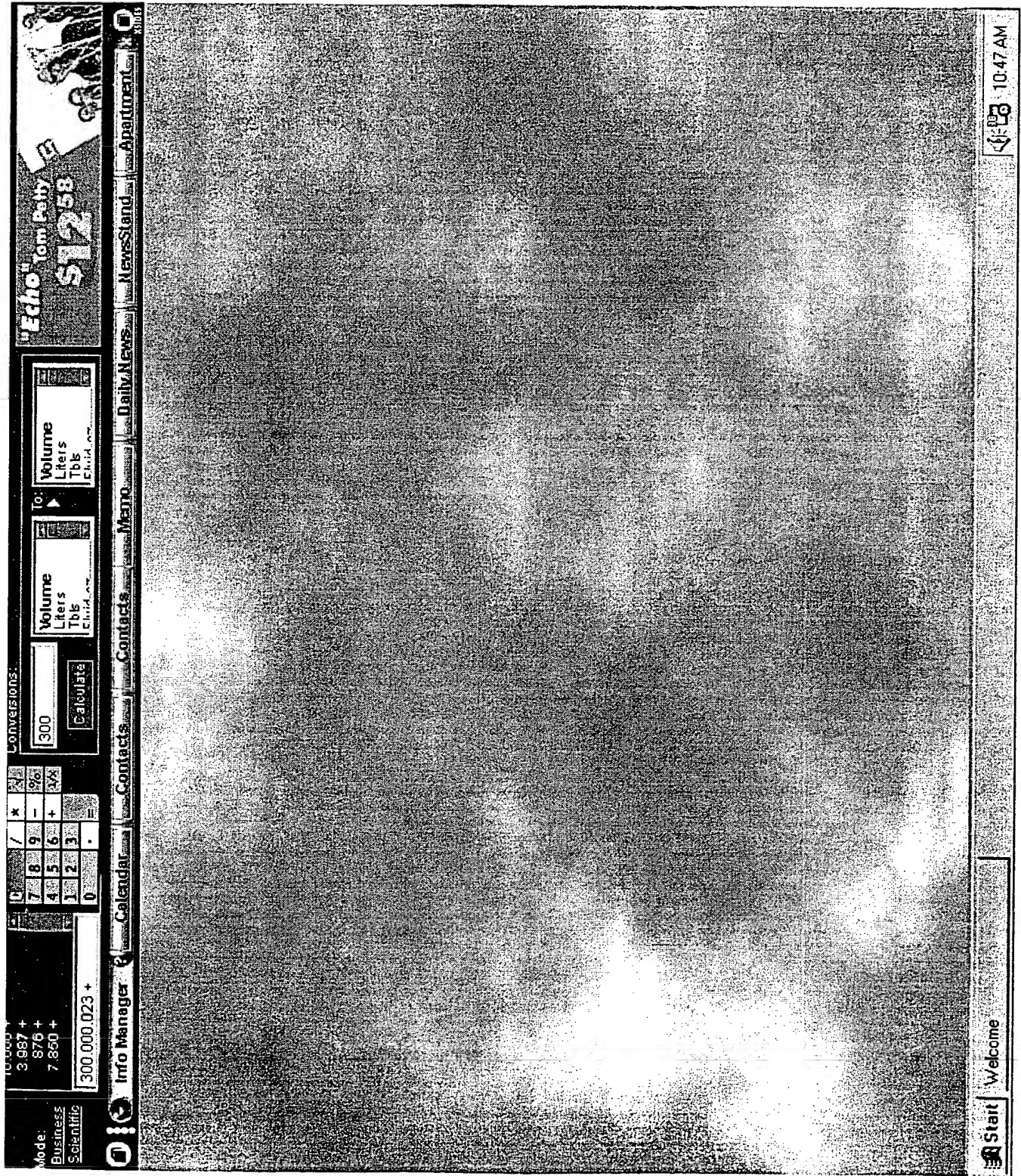


FIG. 30

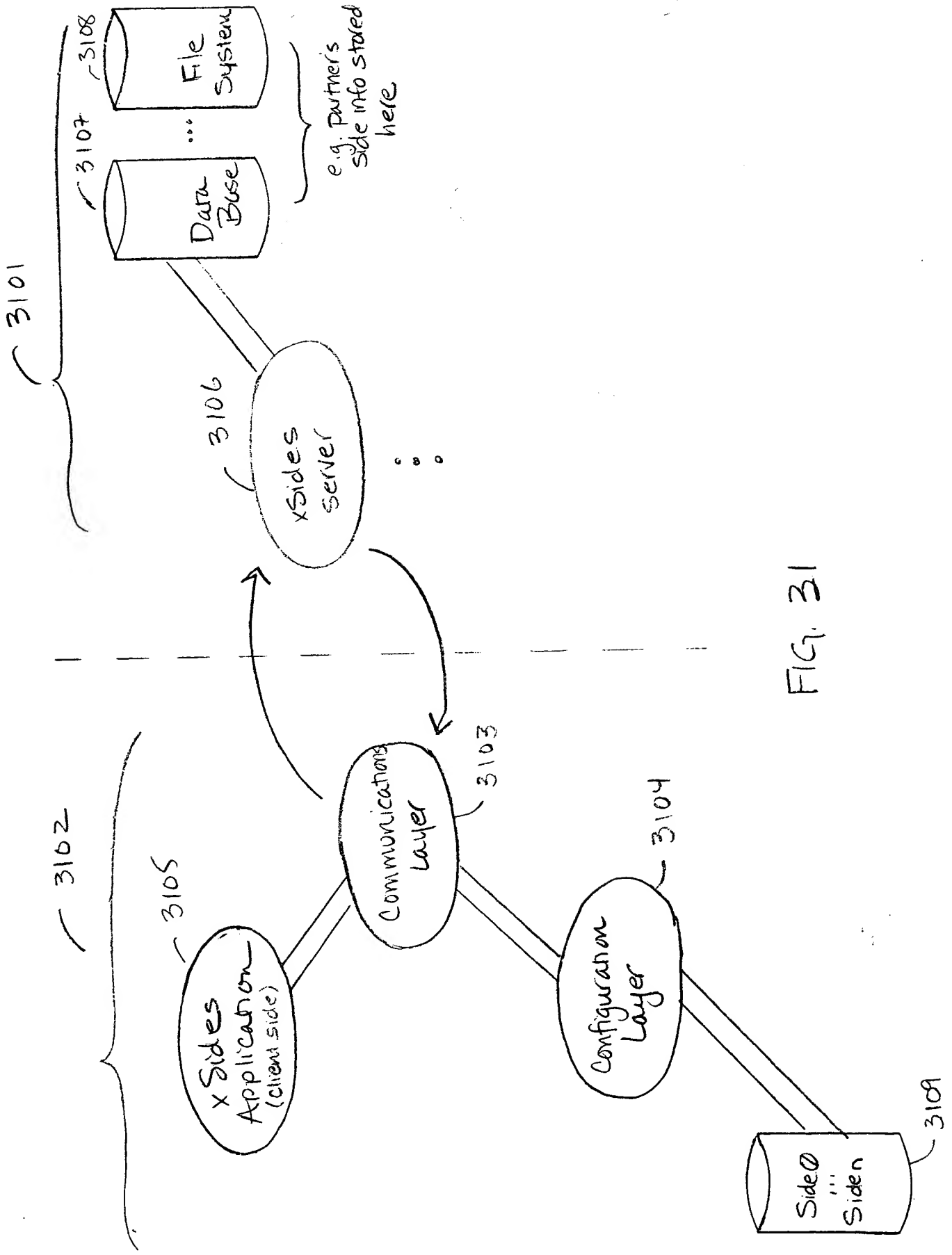


FIG. 31

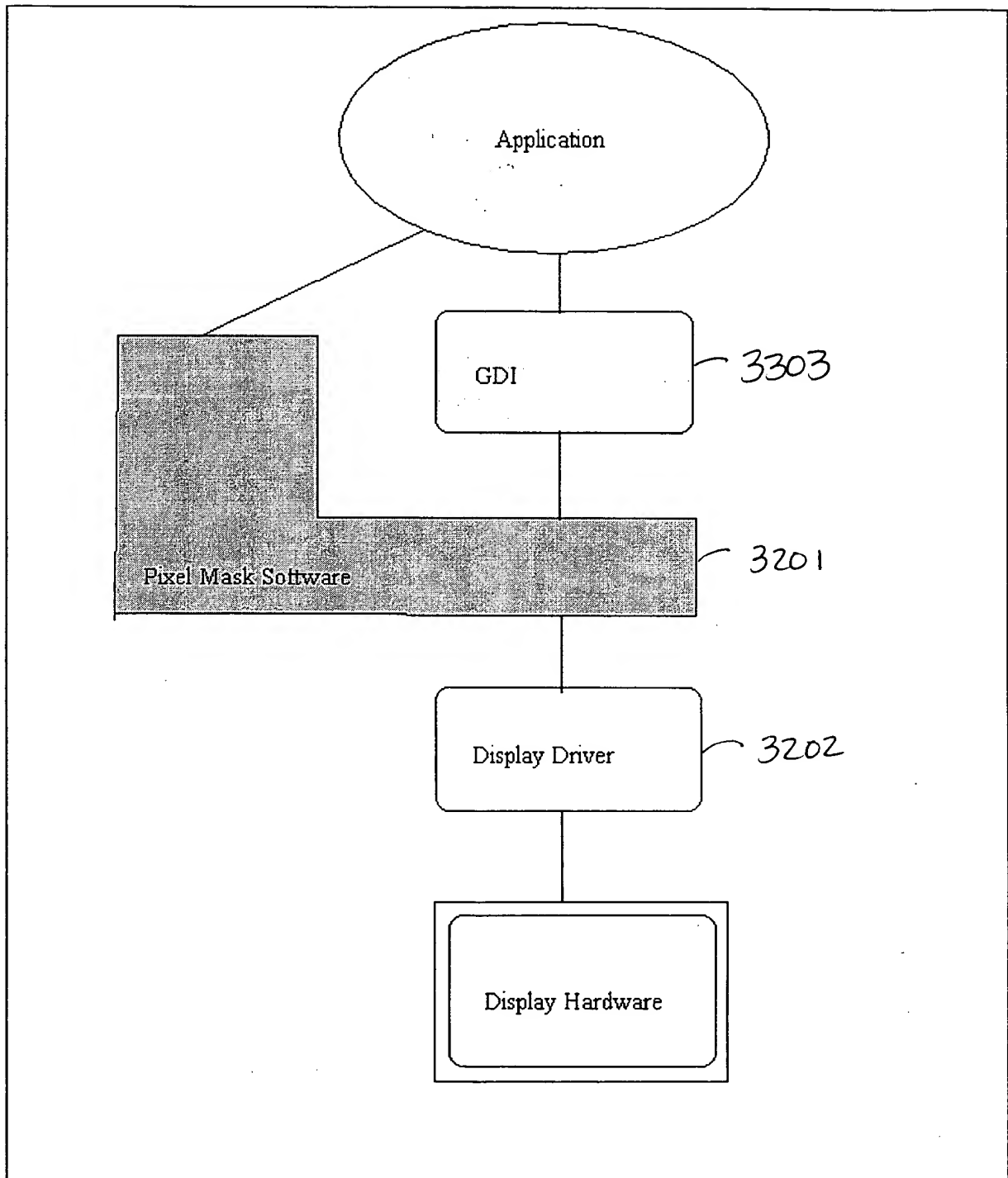


FIG. 32

The screenshot shows a Windows XP desktop environment. A yellow arrow points to the Start button on the taskbar. The desktop has several icons: 'salary.com', 'My Computer', 'Recycle Bin', 'Launch Intern...', 'RealPlayer', 'eSister Alpha', 'My Outlook', 'Network Neighborhood', 'Online Services', 'LEGO Race', 'RealPlayer 7 Basic', 'MSN Library July 2000', 'Outlook Express', 'My Documents', 'Acrobat Reader 4.0', 'MONITOR...', 'vairivis.exe', 'DBK Me', 'Connect to the Internet', 'Internet Explorer', 'DBK43W...', 'Netscape Download', 'Windows Media Player', 'DBK.MT', 'EXPLORER...', 'Microsoft Outlook', 'Email Post', 'Notion Commander', 'WinZip', 'SetupMSN InternetA...', and 'Planned @central'. The taskbar includes the Start button, a search bar, and several application icons. The system tray shows the time as 10:36. The Start menu is open, displaying a list of applications and folders.

FIG. 33

The diagram is divided into two main sections: 16-bit and 32-bit, separated by a vertical line. A horizontal line separates user space from kernel space.

16-bit User Space:

- Contains a box labeled **TRAP16.DLL** (3401).
- Below the horizontal line, in the kernel space, are three boxes: **KERNEL.DLL**, **GDI.DLL**, and **USER.DLL**.

32-bit User Space:

- Contains a box labeled **TRAP.EXE** (3403).
- Below the horizontal line, in the kernel space, are two boxes: **TRAP32.DLL** (3402) and **TRAP.VXD** (3404).

Flow of Control:

- An arrow labeled **Dynamic Link** points from **TRAP.EXE** to **TRAP32.DLL**.
- An arrow labeled **GP Fault!** points from **TRAP32.DLL** to **TRAP.VXD**.
- An arrow labeled **INT 20** points from **TRAP.VXD** to a box labeled **VMM** at the bottom.
- An arrow labeled **Client Regs** points from **TRAP.VXD** back to **TRAP32.DLL**.
- An arrow labeled **illegal op** points from **TRAP32.DLL** to **TRAP16.DLL**.
- An arrow labeled **AX register** points from **TRAP16.DLL** back to **TRAP32.DLL**.

Legend:

- TRAP module (hatched box)
- Windows module (white box)

Other Labels:

- user** (above the horizontal line)
- kernel** (below the horizontal line)
- this space intentionally left blank** (in the 16-bit kernel space)

FIG. 34

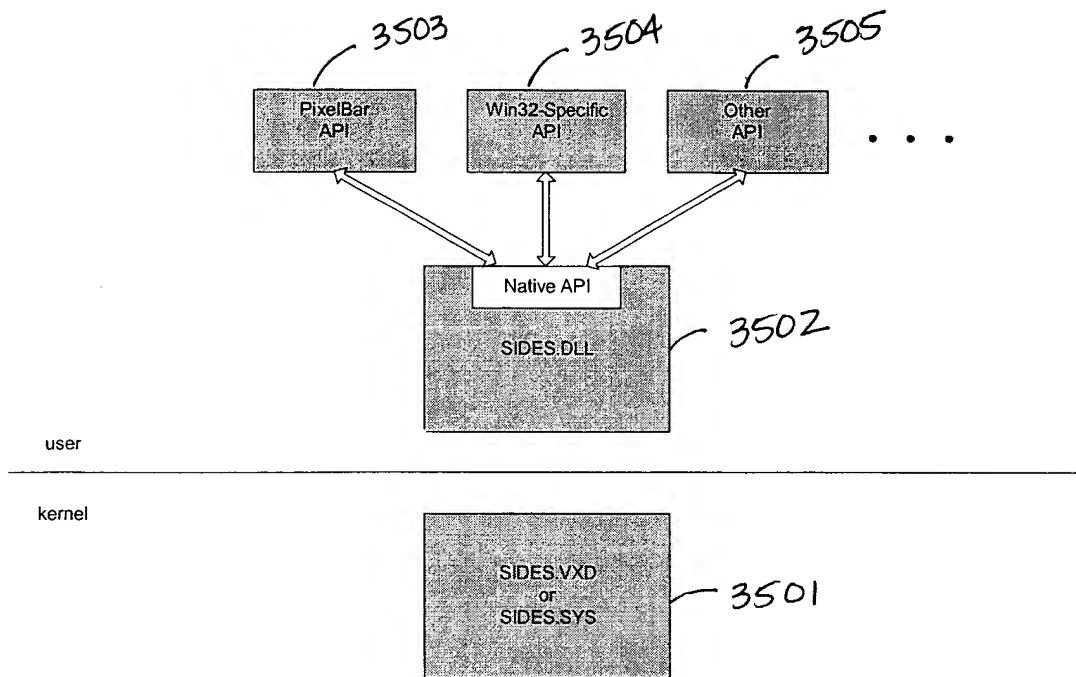


FIG. 35

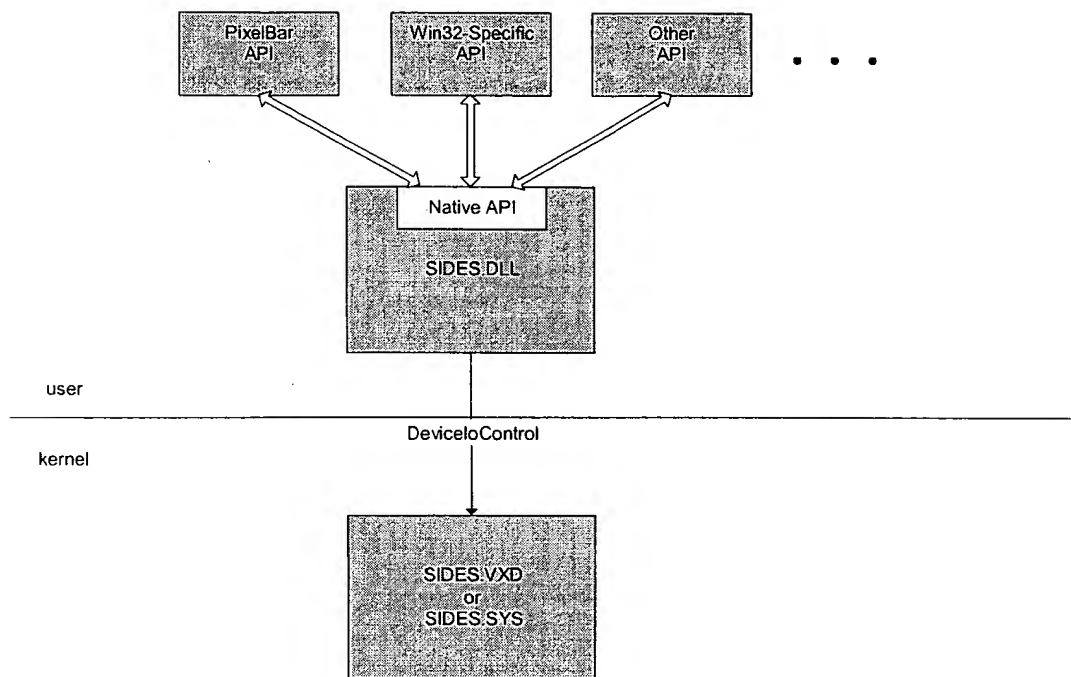
[illegible]

FIG. 36

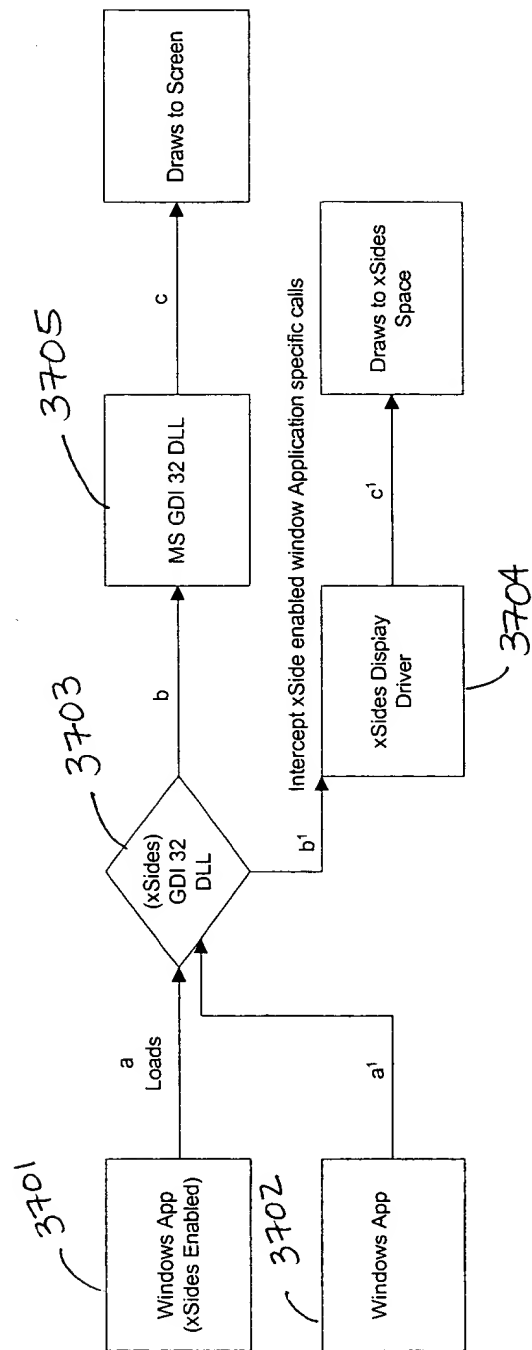


FIG. 37